

IN THE SPECIFICATION:

Paragraph beginning at line 3 of page 1 has been amended as follows:

The present invention relates to a sensor device for detecting a detection object, such as a person, and to an electronic timepiece, such as electronic watch, ~~using~~ equipped with the sensor device.

Paragraph beginning at line 5 of page 4 has been amended as follows:

~~Further~~ Yet another object of the present invention is to provide an electronic watch in which whether or not the user looks at the watch can be detected with higher accuracy and a time or the like can be displayed when the user looks at the watch.

Paragraph beginning at line 9 of page 5 has been amended as follows:

~~Also, it~~ The sensor device may be constructed so as to include moving direction determining means for determining a moving direction of the detection object based on an order in which the respective strong directive sensors detect the detection object.

Heading at line 13 of page 6 has been amended as follows:

BRIEF DESCRIPTION OF ~~THE SEVERAL~~ VIEWS OF THE
DRAWINGS

Paragraph beginning at line 19 of page 7 has been amended as follows:

In Fig. 1, the electronic wrist watch includes a case main body 101 made of infrared shielding member, a sensor section 102 stored in the case main body 101 through a window portion that transmits an infrared ray having a frequency emitted from at least a human body, a display section 105 serving as a section to be controlled, and bands 106 and 106. The sensor section 102 has a plurality of sensors ~~composed~~ comprised of pyroelectric infrared sensors (first sensor 103 and second sensor 104). The display section 105 is ~~composed~~ comprised of a liquid crystal display (LCD) having a backlight and is a digital display device that digitally displays a time or the like.

Paragraph beginning at line 15 of page 8 has been amended as follows:

In Fig. 3, the sensor 103 and the sensor 104 are located on a substrate 301 received in the case main body 101. The sensor 103 includes a pyroelectric infrared sensor element

302 and a cover member 303 that has a through hole 304 and covers the sensor element 302. The sensor element 302 is constructed such that a detection object can be detected only through hole 304. Therefore, the sensor 103 has a narrow directivity of a predetermined degree or range (strong directivity).

Paragraph beginning at line 23 of page 8 has been amended as follows:

Similarly, the sensor 104 includes a pyroelectric infrared sensor element 305 and a cover member 307 that has a through hole 306 and covers the sensor element 305. The sensor element 305 is constructed such that the detection object can be detected only through the through hole 307. Therefore, a directivity of a predetermined range is provided to the sensor 104. In the first embodiment mode of the present invention, the sensor 103 and the sensor 104 each have the strong directivity of the same degree or range in which a detection area is narrow.

Paragraph beginning at line 22 of page 9 has been amended as follows:

In Fig. 2, the electronic wrist watch includes: an oscillating circuit 201 that generates a reference clock

signal; a system clock generating circuit 202 that generates a system clock signal in accordance with the reference clock signal; a frequency dividing circuit 203 that frequency-divides the reference clock signal and generates a clocking reference signal for clocking; a central processing unit (CPU) 204 that performs the clocking operation of the clocking reference signal and the control of the entire electronic wrist watch; a memory 205 which is composed of a read only memory (ROM) and a random access memory (RAM); the sensors 103 and 104; a sensor driving circuit 206 that supplies drive power to the sensors 103 and 104 and outputs to the CPU 204 a detection signal indicating that the sensors 103 and 104 detect the existence of a person when the detection signals from the sensors 103 and 104 are equal to or larger than a predetermined level; a display section 208 ~~composed~~ comprised of a liquid crystal display (LCD); and a display driving circuit 207 that performs the display section 208 in accordance with a control signal from the CPU 204.

Paragraph beginning at line 19 of page 10 has been amended as follows:

~~Note that the~~ The display section 208 ~~composes~~ is a section to be controlled. The memory 205 ~~composes~~ constitutes storage means. The sensor driving circuit 206 ~~composed~~

constitutes detection means for receiving the detection signal equal to or larger than the reference signal from the pyroelectric infrared sensors 103 and 104 and outputting a human body detection signal indicating that the pyroelectric infrared sensors 103 and 104 detect the existence of a person. The CPU 204 ~~composes~~ constitutes position determining means and moving direction determining means. The CPU 204 and the display driving circuit 207 ~~composes~~ constitute control means.

Paragraph beginning at line 8 of page 11 has been amended as follows:

Also, Figs. 5 5A-5C are explanatory views for explaining the operation of the electronic wrist watch according to the first embodiment mode of the present invention, which shows a relative positional relationship between a user (person 501 of the electronic wrist watch and the sensor section 102 when the user 501 sees the time on the electronic wrist watch. The same reference numerals are provided to the same portions as in Figs. 1 to 4.

Paragraph beginning at line 1 of page 20 has been amended as follows:

Note that the display section 208 ~~composes~~ is the section to be controlled. The memory 205 composes the storage

means. The sensor driving circuit 602 ~~composes~~ corresponds to the detection means for receiving the detection signal equal to or larger than the reference signal from the pyroelectric infrared sensors 103, 104 and 601 and outputting the human body detection signal indicating that the pyroelectric infrared sensors 103, 104 and 601 detect the existence of a person. The CPU 204 ~~composes~~ corresponds to the position determining means and the moving direction determining means. The CPU 204 and the display driving circuit 207 ~~composes~~ correspond the control means.

Paragraph beginning at line 18 of page 24 has been amended as follows:

~~Note that~~ The Step S901 to step S910 ~~compose~~ correspond to the moving direction determining means and the position determining means.

Paragraph beginning at line 13 of page 25 has been amended as follows:

~~Note that, the~~ The example in which the section to be controlled when the pyroelectric infrared sensors detect the person is the display section 105 ~~composed of~~ corresponding to the liquid crystal display is described in each of the embodiment modes. The section to be controlled

may be a backlight of a display device or a drive motor for a time hand or the like in an analog electronic watch.